



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CUNDIFF, Chad L.

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Examiner: LOUIS-JACQUES, Jacques H.

Title: INSTRUMENT REFERENCE FLIGHT DISPLAY SYSTEM FOR HORIZON
REPRESENTATION OF DIRECTION TO NEXT WAYPOINT

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5/21/03

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

AMENDMENT AND RESPONSE

In the Claims:

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GROUP 3600

What is claimed is:

- Sub C1
1. (Amended.) A method for enhancing IMC flight aboard an aircraft, comprising the steps of: collecting navigation and attitude data from the aircraft; generating a primary flight display as a function of the data to show a perspective view of earth ground and horizon that are substantially conformal with a VMC view from the aircraft; and generating at least one of a current or next waypoint symbol on the display.
 2. (Original.) A method of claim 1, wherein the step of generating at least one of a current or next waypoint comprises the step of generating a first symbol at the horizon to indicate the current waypoint.
 3. (Original.) A method of claim 2, wherein the step of generating at least one of a current or next waypoint comprises the step of generating a second symbol at the horizon to indicate the next current waypoint.
 4. (Original.) A method of claim 1, further comprising the step of selecting a desired current waypoint, wherein the steps of generating comprise altering the perspective view to match the selected waypoint.
 5. (Original.) A method of claim 4, wherein the step of selecting comprises electronically moving the symbol on the display.
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BLACK LOWE & GRAHAM ^{PLC}

816 Second Avenue
Seattle, Washington 98104
206 201 2200 • F. 206 201 2201